

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6370182").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/15 14:19
S2	2	("20020154687").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/15 15:17
S6	7	S5 and time near multiplex\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 15:20
S3	98	baseband same modulat\$3 same demodulat\$3 and phase\$1 near2 array\$1 near2 antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 15:42
S8	5	baseband same modulat\$3 same demodulat\$3 and steer\$5 near array\$1 near2 antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 15:43
S9	23	S5 and power	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 16:06
S4	50	S3 and phase and amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 16:06
S7	29	S3 and (phase and amplitude) same process\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 16:08
S11	2520	(375/222).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/15 16:21

S12	1	S11 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 16:22
S10	12	S3 and (phase and amplitude) same process\$3 same modulatt\$3 same demodulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 16:42
S13	15146	(antenna receiver) same (beam near form\$3 or phase\$1 near3 (array rotat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 16:44
S15	72	S13 and baseband and (modulat\$3 same demodulat\$3 same process\$3 same phase same amplitude)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:08
S14	622	S13 and baseband and modulatt\$3 and demodulat\$3 and processor and phase and amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:08
S5	25	S4 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:08
S16	11	S13 and baseband and modulatt\$3 same demodulat\$3 same (shared joint\$2 one single) near3 processor and phase and amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:10
S17	4229	375/219-223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:22
S21	38	S20 and baseband	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:23
S20	70	S17 and modulator same demodulator same processor and phase and amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:23

S19	217	S18 and baseband	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:23
S18	459	S17 and modulator and demodulator and phase and amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:23
S27	6	S26 and array with antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:56
S26	33	S25 and @ad<="20020228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:56
S25	38	S24 and baseband	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:56
S24	70	S23 and modulator same demodulator same processor and phase and amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:56
S23	4229	375/219-223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:56
S22	33	S21 and @ad<="20020228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 17:56
S28	147	((beam near forming same antenna) or (array near2 antenna)) and modulat\$3 and demodulat\$3 and baseband with process\$3 same phase and amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 11:04
S30	79	S29 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 11:07

S29	170	((beam\$2forming same antenna) or (array near2 antenna)) and modulats\$3 and demodulat\$3 and baseband with process\$3 same phase and amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 11:07
S31	6	S30 and 375/219-223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 11:08
S35	2	("5937005").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:14
S34	3	S33 and 375/219-223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 11:14
S36	12	S33 and (transceiver or modem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 11:24
S37	5	((beam\$2forming same antenna) or (array near2 antenna)) and modulats\$3 and demodulat\$3 and baseband same (sin and cos) same phase same amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 11:36
S38	2	S37 and (transceiver or modem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 11:37
S32	90	((beam\$2forming same antenna) or (array near2 antenna)) and modulats\$3 and demodulat\$3 and baseband with process\$3 same phase same amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 11:37
S40	2	("5764187").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:51
S41	3	"SEQUENTIAL-ACQUISITION, MULTI-BAND, MULTI-CHANNEL"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 11:52

S42	8	((("5764187") or ("5943010") or ("6052085") or ("6167099")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 12:03
S44	16	S43 and @ad<="20020228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 12:04
S43	23	modulat\$3 and baseband with process\$3 same (sin\$3cos or sin near2 cos)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 12:04
S39	4	modulat\$3 and demodulat\$3 and baseband same (sin\$5cos or sin near2 cos) same phase same amplitude and (transceiver or modem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 12:07
S45	1103	modulat\$3 and demodulat\$3 and baseband and process\$3 same phase same amplitude and (transceiver or modem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:10
S48	199	S46 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:12
S46	473	(shared common) near2 process\$3 same ((transmit\$4 and receiv\$3) or (uplink and downlink)) and modulat\$3 and demodulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:12
S49	6	(shared common) near2 (process\$3) same phase same amplitude same ((transmit\$4 and receiv\$3) or (uplink and downlink)) and modulat\$3 and demodulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:13
S47	1	(shared common) near2 (process\$3) same front\$2end same ((transmit\$4 and receiv\$3) or (uplink and downlink)) and modulat\$3 and demodulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:13
S52	111631	modulat\$3 and demodulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:20

S53	25	(shared common) with (process\$3) same phase same amplitude same ((transmit\$4 and receiv\$3) or (uplink and downlink)) and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:21
S51	18	S50 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:21
S55	18	S53 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:22
S54	15	S43 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:22
S50	25	(shared common) with (process\$3) same phase same amplitude same ((transmit\$4 and receiv\$3) or (uplink and downlink)) and modulat\$3 and demodulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:18
S33	41	S32 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:20
S56	115	(shared common) near3 (process\$3) same ((transmit\$4 and receiv\$3) or (uplink and downlink)) and process\$3 same phase same amplitude and modulat\$3 and demodulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:22
S57	76	S56 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:23
S60	28	(shared common) near3 (process\$3) same ((transmit\$4 and receiv\$3) or (uplink and downlink)) and process\$3 same ((adjust\$3 rotat\$3 chang\$3 calibrat\$3 modif\$7) near3 phase and (adjust\$3 rotat\$3 chang\$3 calibrat\$3 modif\$7) near3 amplitude) and modulat\$3 and demodulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:25

S58	28	(shared common) near3 (process\$3) same ((transmit\$4 and receiv\$3) or (uplink and downlink)) and process\$3 same ((adjust\$3 rotat\$3 chang\$3 calibrat\$3) near3 phase and (adjust\$3 rotat\$3 chang\$3 calibrat\$3) near3 amplitude) and modulat\$3 and demodulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:26
S62	19	S61 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:27
S59	24	S58 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:27
S63	16	("3986123").URPN.	USPAT	OR	ON	2005/06/17 17:13
S68	0	"19750808".ad. and "enzo"	USPAT	OR	ON	2005/06/17 17:14
S67	0	"19750808".ad. and "D'oro"	USPAT	OR	ON	2005/06/17 17:25
S71	104	S70 and oscillator	USPAT	OR	ON	2005/06/17 17:26
S72	113	S70 and @ad<="20010228"	USPAT	OR	ON	2005/06/17 18:13
S70	137	S69 and multiplex\$3	USPAT	OR	ON	2005/06/17 18:13
S69	227	(beam\$2forming antenna near2 array) and baseband and amplitude same phase same power	USPAT	OR	ON	2005/06/17 18:14
S73	0	(beam\$2forming with antenna or antenna near2 array) and baseband same amplitude same phase same power same scal\$3	USPAT	OR	ON	2005/06/17 18:16
S75	68	(beam\$2forming with antenna or antenna near2 array) and baseband same amplitude same phase same power	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 18:17
S74	28	(beam\$2forming with antenna or antenna near2 array) and baseband same amplitude same phase same power	USPAT	OR	ON	2005/06/17 18:17
S76	28	S75 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 18:28

S77	1	polarization adj distortion with power near (control reduc\$4 usage sav\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 18:29
S79	1174	steer\$4 near3 array near2 antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 12:17
S78	4	(amplitude and phase) near2 distortion with power near (control reduc\$4 usage sav\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 12:17
S80	120	S79 and (adjust\$3 chang\$3 modif\$7 var\$5) near3 (phase and amplitude)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 12:19
S82	13	S81 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 12:39
S81	17	S79 and (adjust\$3 chang\$3 modif\$7 var\$5) near3 (phase and amplitude) and modulator and demodulator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 12:39
S83	2	time near multiplex\$3 same antenna near2 array same amplitude same phase and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 13:00
S84	10	benefit\$3 with time near multiplex\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 15:12
S86	1	modulator with plurality near2 (signal\$1 data input user\$2) same time near multiplex\$2 same process\$3 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 15:16
S85	8	modulator with plurality near2 (signal\$1 data input user\$2) same time near multiplex\$2 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 15:21

S88	347	modulator same time near3 multiplex\$2 and antenna and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 15:52
S87	7	modulator with plurality near2 (signal\$1 data input user\$2) same time near3 multiplex\$2 and antenna and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 15:52
S90	65	modulator near4 multiplex\$2 same multiplex\$2 near2 time and antenna and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 15:53
S89	457	modulator with multiplex\$2 and multiplex\$2 near2 time and antenna and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 15:53
S92	0	S91 and antenna near2 array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 16:53
S93	346	baseband near modulator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 17:02
S91	12	S90 and "375"/\$.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 17:02
S95	22	S94 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 17:03
S94	34	baseband near4 modulator with (purpose benefit advantag\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 17:03
S96	164	multiplex\$3 same modulator same antenna same element\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 12:51

S98	40	multiplex\$3 with modulator with antenna same element\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 12:52
S97	101	S96 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 12:52
S10 3	13	multiplex\$3 with modulator with antenna same antenna near2 array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 13:32
S61	20	(shared common) near3 (process\$3) same ((transmit\$4 and receiv\$3) or (uplink and downlink)) and process\$3 same ((adjust\$3 rotat\$3 chang\$3 calibrat\$3) near3 phase and (adjust\$3 rotat\$3 chang\$3 calibrat\$3) near3 amplitude) and modulator and demodulator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 13:49
S10 4	7	S103 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 15:12
S10 8	0	S107 and antenna near array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 15:13
S10 5	8	process\$3 same (plurality parallel numerous) near2 (input data symbols user) same multipl\$5 same complex same baseband	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 15:13
S11 2	2	S110 and multiplex\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 15:14
S10 7	5	S105 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 15:14

S109	11	process\$3 same (plurality parallel numerous) near2 (input data symbols user) same multipl\$5 same complex and antenna near array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 15:27
S110	4	S109 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 15:31
S124	15	(multiple plurality parallel numerous two second) near2 (input\$1 data symbol\$1 user\$1 stream\$1) same (multiplication multiplied multiply\$3) same (complex or in\$1phase sin\$1 cos\$3) same (amplitude phase beam) and multiplex\$3 and antenna near array and (modulat\$3 demodulat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 16:00
S122	54	(multiple plurality parallel numerous two second) near2 (input\$1 data symbol\$1 user\$1 stream\$1) same (multiplication multiplied multiply\$3) same (complex or in\$1phase sin\$1 cos\$3) and multiplex\$3 and antenna near array and (modulat\$3 demodulat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 16:00
S123	32	S122 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 16:01
S127	74	antenna with (down near convert\$3 baseband) same (parallel plurality) same multiplex\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 17:38
S125	9	S124 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 17:38
S129	6	antenna near2 array same (down near convert\$3 baseband) same (parallel plurality) same multiplex\$3 and decimat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 17:39

S12 8	46	S127 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 17:39
S12 6	152	antenna same (down near convert\$3 baseband) same (parallel plurality) same multiplex\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 17:39
S13 2	1	S131 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 17:40
S13 0	0	S129 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 17:40
S13 1	7	antenna near2 array and antenna same (down near convert\$3 baseband) same (parallel plurality) same multiplex\$3 and decimat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 18:00
S13 4	2	S133 and interpolation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 18:04
S13 5	1	S133 and interpolation and (IF intermediate near frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 18:05
S13 6	3	antenna near2 array and antenna same (up near convert\$3 radio) same (parallel plurality) same demultiplex\$3 and (IF intermediate near frequency) and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 18:14
S13 3	6	antenna near2 array and antenna same (up near convert\$3 radio) same (parallel plurality) same demultiplex\$3 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 18:14
S13 7	7	(transmit\$4 uplink) and (intermediate near frequency IF) and demultiplexer and interpolat\$3 and antenna near2 array and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 18:26

S13 9	8339	(transmit\$4 uplink) and antenna near2 array and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 18:27
S14 2	2	("20020154687").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/22 18:47
S14 1	22	S139 and (intermediate near frequency IF) and demultiplex\$3 and interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 18:55
S14 4	29	beamform\$3 with baseband same modulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 19:02
S14 3	260	beamform\$3 with baseband	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 19:02
S14 5	15	S144 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 19:10
S14 7	9	S146 and interpolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 19:11
S14 6	44	S139 and intermediate near frequency same (uplink up\$1convert\$3 transmit\$4) and demultiplex\$3 same (uplink transmit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 19:11
S15 1	264	(transceiver modem) and duplex near3 time and switch and modulator and demodulator and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 19:38
S15 5	8	(transceiver modem) and duplex near3 time same switch and switch same modulator same demodulator and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 19:50

S15 2	51	(transceiver modem) and duplex near3 time and switch same modulator same demodulator and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 19:50
S14 8	1864	(transceiver modem) and duplex near3 time and switch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 20:01
S15 9	3	("6831943").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/22 20:06
S15 8	2	("6763062").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/22 20:06
S15 7	2	("5583562").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/22 20:06
S16 0	2	("5937348").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/22 20:07
S16 2	74	S161 and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 20:08
S16 3	28	(transceiver modem).ab. and FDMA and FPGA and (vlsi or ASIC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 20:09
S16 1	363	(transceiver modem) and FDMA and FPGA and (vlsi or ASIC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 20:09
S16 4	13	(transceiver modem).ab. and FDMA and FPGA and (vlsi or ASIC) and @ad<="20010228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 20:11

S16 5	2	("5809422").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/23 11:17
S16 7	2	("20030214976").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/23 11:19
S16 6	2	("20040013191").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/23 11:19
S16 9	14186	digital with signal same baseband	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 16:29
S17 3	41	S172 and antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 16:33
S17 2	83	S169 and (shared sharing joint collective composite combined conjoint common communal) with (phase near rotat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 16:33
S17 1	3	S169 and (shared sharing joint collective composite combined conjoint common communal) with (phase near rotat\$3 with antenna)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 16:33
S17 5	4419	(duplex transceiver) and S169	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 17:12
S17 4	11	S169 and (shared sharing joint collective composite combined conjoint common communal) with processor same (phase near rotat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 17:12
S17 0	1	S169 and (shared sharing joint collective composite combined conjoint common communal) with processor same (phase near rotat\$3 with antenna)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 17:12

S17 8	97	S177 and antenna and phase near3 (rotat\$3 adjust\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 17:13
S17 7	550	(single shared sharing joint collective composite combined conjoint common communal) near5 processor and S175	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 17:13
S17 6	69845	(single shared sharing joint collective composite combined conjoint common communal) near5 processor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 17:13
S18 0	88	S179 and antenna and phase near3 (rotat\$3 adjust\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 17:14
S18 2	62	S180 and (@ad<="20010228" or @prad<="20010228" or @rlad<="20010228")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 17:15
S17 9	493	(single shared sharing joint collective composite combined conjoint common communal) near4 processor and S175	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 17:15
S18 4	493	(single shared sharing joint composite combined conjoint common) near4 processor and S175	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 17:16
S18 8	88	S187 and antenna and phase near3 (rotat\$3 adjust\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:01
S18 6	4419	(duplex transceiver) and S185	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:01
S18 5	14186	digital with signal same baseband	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:01

S18 3	41	S180 and (@ad<="20010228" or @prad<="20010228")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:01
S19 0	14	S189 and antenna with array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:05
S18 7	493	(single shared sharing joint collective composite combined conjoint common communal) near4 processor and S186	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:09
S19 1	12	S190 and modulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:30
S19 3	46	S192 and modulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:33
S18 9	41	S188 and (@ad<="20010228" or @prad<="20010228")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 11:33
S19 2	47	(single shared sharing joint collective composite combined conjoint common communal) near4 antenna with weights and S186	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 12:28
S19 5	81	(single shared sharing joint collective composite combined conjoint common communal) near4 (beamform\$3 beam\$1form\$3) and S186	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 12:39
S19 4	19	S193 and (@ad<="20010228" or @prad<="20010228")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 12:40
S19 6	29	S195 and (@ad<="20010228" or @prad<="20010228") and modulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:06

S19 7	0	(@ad<="20010228" or @prad<="20010228") and digital near3 processor same (beamform\$3 beam\$1form\$3) same (phase near3 rotat\$3 or AFC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:07
S19 9	148	(beamform\$3 or beam\$1form\$3) same (phase near3 rotat\$3 or AFC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:10
S19 8	2	(@ad<="20010228" or @prad<="20010228") and digital near3 process\$3 same (beamform\$3 or beam\$1form\$3) same (phase near3 rotat\$3 or AFC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:10
S20 1	5	(beamform\$3 or beam\$1form\$3) same (phase near3 rotat\$3 or AFC) same digital near3 process\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:11
S20 0	143	(beamform\$3 or beam\$1form\$3) same (phase near3 rotat\$3 or AFC) and process\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:11
S20 2	37	(beamform\$3 or beam\$1form\$3 or beam adj form\$3) same (phase near3 rotat\$3 or AFC) and (duplex transceiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 13:12
S20 3	2	("6615024").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/13 15:43
S20 4	2	("5764187").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/13 18:01
S20 5	160	(downconvert\$3 down-convert\$3 down adj convert\$3) and (A/D analog adj2 digital analog-to-digital) and (IF intermediate near frequency) and (baseband) and (mux multiplex\$3) and phase and (beamform\$3 beam adj form\$3 beam-form\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 18:03

S20 8	71	S207 and (@ad<="20010228" or @prad<="20010228")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 18:08
S20 9	20	S208 and (downconvert\$3 down-convert\$3 down adj convert\$3) near4 (IF intermediate near frequency) and (downconvert\$3 down-convert\$3 down adj convert\$3) near4 (baseband)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 19:14
S21 1	169	(downconvert\$3 down-convert\$3 down adj convert\$3) near2 (baseband) with (A/D analog adj2 digital analog-to-digital)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 19:15
S21 0	517	(downconvert\$3 down-convert\$3 down adj convert\$3) near2 (baseband) same (A/D analog adj2 digital analog-to-digital)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 19:15
S21 2	6	S211 and S209	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 19:29
S21 3	3	(A/D analog adj2 digital analog-to-digital) with IF with (benefit purpose for advantage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 19:30
S20 7	128	S205 and antenna near2 array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 19:38
S21 5	2641	(375/222).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/13 19:54
S21 4	22	S207 and decimat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 19:54
L2	2	("5631898").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 09:54

L1	2	("6894643").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 09:54
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